

INTERNATIONAL SEARCH REPORT

International application No.
PCT/CN03/00624

A. CLASSIFICATION OF SUBJECT MATTER

IPC⁶E04B1/98

According to International Patent Classification(IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched(classification system followed by classification symbols)

IPC⁶E04B1/98,1/92

Documentation searched other than minimum documentation to the extent that such documents are included in the field searched

Chinese patent document(1985~)

Electronic data base consulted during the international search(name of data base and, where practicable, search terms used)
CPRS, WPI, PAJ, EPDOC
Column,pillar

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant claim No.
A	CN1196432A (TAIZHONG PRECISION MACHINE CO.) 21 Oct.1998(21.10.98) presentation: figure1	1
A	JP11-303925 (KURAMOCHI M) 02 Nov. 1999(02.11.99) abstract; figure1	1
A	US6085471 (Micheal G.Axon) 11 Jul.2000(11.07.00) presentation: figure1	1

 Further documents are listed in the continuation of Box C. See patent family annex.

- * Special categories of cited documents:
- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
 - "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
 - "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
 - "&" document member of the same patent family

Date of the actual completion of the international search 04 Nov. 2003 (04.11.03)	Date of mailing of the international search report 27 NOV 2003 (27.11.03)
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Name and mailing address of the ISA/ The Chinese Patent Office 6, Xitucheng Road, Haidian District, Beijing, 100088, China Facsimile No. 86-10-62019451	Authorized officer XIA, Feng Telephone No. +86-10) 62093944
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INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.
PCT/CN03/00624

Patent document cited in search report	Publication date	Patent family members	Publication date
CN1196432A	21.10.98	None	
JP11-303925	02.11.99	None	
US6085471	11.07.00	US5657588 JP11061737	19.08.97 05.03.99